OIPE

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                    RAW SEQUENCE LISTING              DATE: 12/14/2001
                    PATENT APPLICATION:  US/10/005,499   TIME: 10:32:54

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       5 <110> APPLICANT: Ghosh, Malabika
       7         Tang, Y. Tom
       9         Wang, Jian-Rui
      11         Wang, Zhiwei
      13         Zhao, Qing
      15         Xu, Chongjun
      17         Mulero, Julio J
      21 <120> TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL SECRETED
ADIPONECTIN-LIKE
      22         POLYPEPTIDES AND POLYNUCLEOTIDES
      26 <130> FILE REFERENCE: HYS-46
C--> 30 <140> CURRENT APPLICATION NUMBER: US/10/005,499
      32 <141> CURRENT FILING DATE: 2001-12-03
      36 <150> PRIOR APPLICATION NUMBER: US 09/488,725
      38 <151> PRIOR FILING DATE: 2000-01-21
      42 <150> PRIOR APPLICATION NUMBER: US 09/552,317
      44 <151> PRIOR FILING DATE: 2000-04-25
      48 <150> PRIOR APPLICATION NUMBER: PCT/US00/35017
      50 <151> PRIOR FILING DATE: 2000-12-22
      54 <150> PRIOR APPLICATION NUMBER: US 09/620,312
      56 <151> PRIOR FILING DATE: 2000-07-19
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      68 <151> PRIOR FILING DATE: 2000-02-03
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      159 ccatgaaagt gtaaactgtt gtaaactatt gtaaggatgt actatgtaca tcaatgtaaa     180
      161 ctattgtaac aatgtactac aactaggata aaattaggat ttctattccc agtaattttc     240
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      165 ctactgtcta aattgctgaa ctcaggctat tttgaaagta tcccagttcc caaaaatgcc     360
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357 ccgttacagg ctacttcttc tccagttact tgtagctcaa atgcttgctt ggttactacc   2160
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363 tctgaacagg gcttccagtc acctccagca agtagtagtt cagtaaccat taacacagca   2340
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405 aaggaaaagg aagtaccact ggaggaagaa atg cta ata caa tca gag aaa aaa     534
406                                     Met Leu Ile Gln Ser Glu Lys Lys
407                                     1               5
409 aca caa tta tcg aag act gaa tct gtc aaa gag tca gag tct cta atg     582
410 Thr Gln Leu Ser Lys Thr Glu Ser Val Lys Glu Ser Glu Ser Leu Met
411     10              15              20
413 gaa ttt gcc cag cca gag ata caa cca caa gag ttt ctt aac aga cgc     630
414 Glu Phe Ala Gln Pro Glu Ile Gln Pro Gln Glu Phe Leu Asn Arg Arg
415 25              30              35              40
417 tat atg aca gaa gta gat tat tca aac aaa caa ggc gaa gag caa cct     678
418 Tyr Met Thr Glu Val Asp Tyr Ser Asn Lys Gln Gly Glu Glu Gln Pro
419             45              50              55
421 tgg gaa gca gat tat gct aga aaa cca aat ctc cca aaa cgt tgg gat     726
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423         60              65              70
425 atg ctt act gaa cca gat ggt caa gag aag aaa cag gag tcc ttt aag     774
426 Met Leu Thr Glu Pro Asp Gly Gln Glu Lys Lys Gln Glu Ser Phe Lys
427     75              80              85
429 tcc tgg gag gct tct ggt aag cac cag gag gta tcc aag cct gca gtt     822
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PATENT APPLICATION: US/10/005,499   TIME: 10:32:54

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438 Pro Glu Glu Gln Lys Lys Gln Glu Ile Ser Lys Ser Lys Pro Ser Pro
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447         155             160             165
449 cag aaa gaa caa gat cca aag aag caa act cca aag tct tgg aca cct      1062
450 Gln Lys Glu Gln Asp Pro Lys Lys Gln Thr Pro Lys Ser Trp Thr Pro
451     170             175             180
453 tcc atg cag agc gaa cag aac acc acc aag tca tgg acc act ccc atg      1110
454 Ser Met Gln Ser Glu Gln Asn Thr Thr Lys Ser Trp Thr Thr Pro Met
455 185             190             195             200
457 tgt gaa gaa cag gat tca aaa cag cca gag act cca aaa tcc tgg gaa      1158
458 Cys Glu Glu Gln Asp Ser Lys Gln Pro Glu Thr Pro Lys Ser Trp Glu
459             205             210             215
461 aac aat gtt gag agt caa aaa cac tct tta aca tca cag tca cag att      1206
462 Asn Asn Val Glu Ser Gln Lys His Ser Leu Thr Ser Gln Ser Gln Ile
463             220             225             230
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466 Ser Pro Lys Ser Trp Gly Val Ala Thr Ala Ser Leu Ile Pro Asn Asp
467         235             240             245
469 cag ctg ctg ccc agg aag ttg aac aca gaa ccc aaa gat gtg cct aag      1302
470 Gln Leu Leu Pro Arg Lys Leu Asn Thr Glu Pro Lys Asp Val Pro Lys
471     250             255             260
473 cct gtg cat cag cct gta ggt tct tcc tct acc ctt ccg aag gat cca      1350
474 Pro Val His Gln Pro Val Gly Ser Ser Ser Thr Leu Pro Lys Asp Pro
475 265.            270             275             280
477 gta ttg agg aaa gaa aaa ctg cag gat ctg atg act cag att caa gga      1398
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486 Ser Ala Ile Pro Thr Ser Gln Pro Pro Ser Ala Thr Pro Gly Ser Pro
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489 gta gca tct aaa gaa caa aat ctg tcc agt caa agt gat ttt ctt caa      1542
490 Val Ala Ser Lys Glu Gln Asn Leu Ser Ser Gln Ser Asp Phe Leu Gln
491     330             335             340
493 gag ccg tta cag gct act tct tct cca gtt act tgt agc tca aat gct      1590
494 Glu Pro Leu Gln Ala Thr Ser Ser Pro Val Thr Cys Ser Ser Asn Ala
495 345             350             355             360
497 tgc ttg gtt act acc gat cag gct tct tct gga tct gaa aca gag ttt      1638
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VERIFICATION SUMMARY
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